



Beamline X12B Operations and Safety Awareness (BLOSA) Checklist

Rev. 6/1/2003

Visitors shall not use this BLOSA form - use the Visitor/Escort form at each entrance to the Experimental Floor. This BLOSA form is only for those individuals who will work on the beamline. They must have already completed NSLS access training (including GERT/LS Rad Module and NSLS Safety Module).

Confirm that Each User:

- ☐ **Checked in** at User Administration **OR** has **valid BNL ID Badge** encoded for experimental floor access
- ☐ Completed **NSLS Safety Training** and **NSLS Radiological Access** Modules **OR training is current**
- ☐ Obtained a **TLD** from either NSLS User Administration or the NSLS Control Room **ONLY IF** the user a) is Resident Beamline or NSLS Scientific/Professional/Technical staff, b) works in Bldg. 729, c) is a minor, i.e. under 18 years of age, d) has a declared pregnancy, e) is working with radioactive materials, f) is following other NSLS ESH requirements.
- ☐ Understands they are **NEVER** allowed to wear another person's TLD.

Emergency and Facility Safety

- ☐ **Emergency phone numbers:** Fire/Medical x2222, Security x2238, Control Rm x2550, Bldg. Manager x3476
- ☐ **Operations Coordinator** assistance: see instructions posted on hutch
- ☐ **Fire alarms: Evacuate** by nearest safe exit and meet on grass outside Main Entrance of Bldg. 725
- ☐ **Site alarms:** **Continuous Siren** — **Assemble** inside Main Lobby and Seminar Room.
Intermittent Siren — **Evacuate site** immediately; apartment residents go to Berkner Hall
- ☐ **Nearest exits**, route identification and walkdown
- ☐ **TV monitoring channels**
- ☐ **Greenboard** safety
- ☐ **Eye wash/shower station** locations
- ☐ **Fire Extinguisher & Fire Alarm Pull Station** locations

Beamline Safety

- ☐ **Beamline Safety** personnel are: *Dieter Schneider (pager 7400), Tom Langdon (4440), Alexei Soares (4626)*
William Nolan (pager 7401), Stu Myers (pager 7401), Shai Vaday (pager 7401)
- ☐ **Emergency STOP button** identification and purpose
- ☐ **Beamline enabling and pink cards**
- ☐ **Power failure response** and **circuit breaker** location
- ☐ **Radiation** hazards and postings
- ☐ **Safety/Hutch interlock training**
- ☐ **Beamline safety checklist(s)**
- ☐ **Experiment Safety Approval Form (SAF)**

Beamline Operation

- ☐ **Manuals and beamline documentation** on the web
- ☐ Please complete our **PXRR EOR Form**
- ☐ Reach **PX-Operators and Staff** by paging
- ☐ Be aware of WebCams and **Remote Monitoring**
- ☐ **Run Motors** from cbass only, keep Archiver up
- ☐ **Panic Stop** for motors is on VME crate
- ☐ Protect **Detector Face** physically and from beam

Experimental Procedures

- ☐ **Cryogenics** fill station and demonstrate use
- ☐ **Chemical** use, labeling and storage
- ☐ **Heavy Metals:** take home
- ☐ **Electrical:** no work on exposed parts above 50V
- ☐ **Cover Slips, Tips and Needles:** Sharps container
- ☐ **Recycle** glass, paper and metal

I understand the instructions given to me on beamline operations and safety awareness.

NSLS Policy: Each user must be instructed in the safe operation of this beamline. Instruction is valid for a maximum of two years. Beamline staff shall keep readily available all relevant instructions and safety literature. ADDITIONAL TRAINING and/or FORMAL WORK PLANNING may be required for lead handling, use of Class III or IV lasers, laboratory wet chemistry work, etc	Date	PRINT User Name	Guest #	Signature
	DESIGNATED BLOSA TRAINERS for this beamline:			Trainer's Signature:
	<input type="checkbox"/> William Nolan	<input type="checkbox"/> D. Schneider	<input type="checkbox"/> Joe Mansuri	
	<input type="checkbox"/> Shai Vaday	<input type="checkbox"/> Tom Langdon		
	<input type="checkbox"/> Stu Myers	<input type="checkbox"/> Alexei Soares		